INTERNATIONAL SEARCH REPORT

tional Application No /IB2004/003751

'IB2004/003751 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B65H23/188 B65H B65H20/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B65H Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 5 485 386 A (ANDREASSON ET AL) X 1,2,4-6,16 January 1996 (1996-01-16) 8,9 column 2, line 35 - column 4. line 38: 10 A figure 1 US 5 709 331 A (LAM ET AL) X 1,6-920 January 1998 (1998-01-20) cited in the application column 3, line 9 - column 4, line 45; 10 figure 1 EP 1 065 161 A (MIYAKOSHI PRINTING 1,8 MACHINERY CO., LTD) 3 January 2001 (2001-01-03) paragraph '0027! - paragraph '0038!; figures 1-3 -/---Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority ctalm(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 22/02/2005 14 February 2005 Authorized officer Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Fachin, F

INTERNATIONAL SEARCH REPORT

ional Application No IB2004/003751

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Rel A PATENT ABSTRACTS OF JAPAN vol. 010, no. 010 (M-446), 16 January 1986 (1986-01-16) & JP 60 171962 A (IKEGAI GOSU KK), 5 September 1985 (1985-09-05) abstract	levant to claim No.
vol. 010, no. 010 (M-446), 16 January 1986 (1986-01-16) & JP 60 171962 A (IKEGAI GOSU KK), 5 September 1985 (1985-09-05)	1,8

INTERNATIONAL SEARCH REPORT

onal Application No IB2004/003751

Patent document cited in search report			Publication date			·	Publication date
US	5485386	A	16-01-1996	SE AU DE DE EP	467665 9072891 69114302 69114302 0561884	A D1 T2	24-08-1992 08-07-1992 07-12-1995 30-05-1996 29-09-1993
				SE WO	9003961 9210419	A A1	13-06-1992 25-06-1992
US	5709331	A	20-01-1998	NL DE DE EP	1000128 69614433 69614433 0737638	D1 T2	15-10-1996 20-09-2001 16-05-2002 16-10-1996
EP	1065161	Α	03-01-2001	JP DE EP US	2001010023 60015017 1065161 6334564	D1 A2	16-01-2001 25-11-2004 03-01-2001 01-01-2002
JP	60171962	Α	05-09-1985	NONE			